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### (54) Title: METHOD AND APPARATUS FOR REVOCATION LIST MANAGEMENT

(57) Abstract: Access to information is controlled by maintaining, for a given device or other entity through which information may be accessed, a contact list that includes information identifying one or more other entities which have attempted to communicate with the given entity. In accordance with the invention, the contact list is utilized in conjunction with a revocation list stored in a memory associated with the given entity in order to determine which of the other entities are authorized to communicate with the given entity. The contact list includes a number of entries, each entry having at least an identifier of a particular one of the other entities and a corresponding revocation flag indicating whether the particular entity has been revoked. The contact list is updated after a modification of the revocation list, or if a new entity not already included in the contact list attempts to communicate with the given entity.

22/3,K/60 (Item 60 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2005 Thomson Derwent. All rts. reserv. 013627841 \*\*Image available\*\* WPI Acc No: 2001-112049/200112 XRPX Acc No: N01-082327 Electronic message delivery control for use in communication between computers connected in internet, involves transmitting only authorized message and allowing user to access only authorized received Patent Assignee: UNBOUND COMMUNICATIONS INC (UNBO-N) Inventor: DIETERMAN J G Number of Countries: 087 Number of Patents: 003 Patent Family: Patent No Date Applicat No Kind Kind Date Week A1 20001116 WO 2000US12697 A WO 200068815 20000509 200112 B AU 200049974 A 20001121 AU 200049974 A 20000509 200112 US 6393464 B1 20020521 US 99309219 Α 19990510 200239 Priority Applications (No Type Date): US 99309219 A 19990510 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes WO 200068815 A1 E 31 G06F-015/16 Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW AU 200049974 A G06F-015/16 Based on patent WO 200068815 US 6393464 В1 G06F-015/16 message delivery control for use in communication between computers

... message delivery control for use in communication between computers connected in internet, involves transmitting only authorized message and allowing user to access only authorized received messages

### Abstract (Basic):

- ... Messages sent to and received from an **entity** whose electronic identifications that are included or not included in created allowed **list**, are categorized as **authorized** and **unauthorized**, respectively. **Authorized** outgoing messages are transmitted to their intended recipients. The **users** are then allowed to **access** contents of **authorized** incoming message.
- ... An allowed **list** comprising electronic **entity** identifications with whom the **user** is permitted to freely exchange messages, is created. The **authorization** for each **unauthorized** incoming and outgoing messages is further requested. The delivery or viewing of each message sent to or received from an electronic identification that does not appear on the allowed **list**, is **authorized**.
- ...child to an intended recipient who has not been approved by parent or guardian, during access of internet by children...
- ...the flowchart which depicts control of transmission of outgoing e-mail messages created by the  $\ \ user$  .
- ... Title Terms: AUTHORISE ;

```
Items
                Description
Set
                ENTIT? OR (SETTOP OR SET()TOP)()(BOX OR BOXES) OR (DVD OR -
        22569
S1
             DIGITAL()(VIDEO OR VERSATIL?)()DEVICE)()PLAYER? OR DIGITAL()R-
             ECORDER?
S2
       172651
                LOCAL OR (NON OR "NOT")() REMOT? OR DEVICE(2N)(SPECIFIC? OR
             ONBOARD OR ON()BOARD OR WITHIN OR INTEGRAL?)
        30683
                REVOCAT? OR REVOK? OR EXPIRE? OR EXPIRAT? OR EXPIRING? OR -
S3
             EXPIRY? OR UNAUTHORIZ? OR UNAUTHORIS? OR BLACKLIST? OR BLACK(-
             )LIST? OR UNAUTHENTICAT? OR (NON OR "NOT")()(AUTHORI? OR AUTH-
             ENTICAT?)
                CONTACT? OR USER? OR SUBSCRIBER? OR CLIENT? OR MEMBER? OR -
S4
      3822856
             CUSTOMER? OR AUTHORIZ? OR AUTHORIS? OR ACCESS?
S5
              HIT()LIST? OR HITLIST? OR AUDIT()TRAIL? OR HISTORY? OR HIS-
        24664
             TORIE?
               UPDAT? OR UP()(DATE? OR DATING?) OR RENEW? OR REFRESH? OR -
S6
       139078
             AMEND? OR CURRENC?
S7
       871387
                LIST? OR REGISTRY? OR REGISTRI? OR ARCHIV? OR DIRECTORY? OR
              DIRECTORIE? OR TABLE? OR INVENTORY? OR INVENTORIE? OR RECORD?
S8
       387850
                IC=H04L?
                S2 AND S3(5N)(S5 OR S7) AND S4(5N)(S5 OR S7)
S9
           11
                S9 AND (S1 OR S8)
S10
            4
                S9:S10 AND S6
S11
            2
S12
           11
                S9:S11
                S3 AND S4 AND (S5 OR S7)
S13
         1794
S14
           75
                S13 AND S1
S15
           48
                S14 AND (S8 OR S2 OR S6)
           75
S.16
                S14:S15
S17
           86
                S12 OR S16
                S12 AND S16
S18
           0
           86
                S17:S18
S19
S20·
       810079
                PR=2000:2005
S21
           74
                S19 NOT S20
S22
           74
                IDPAT (sorted in duplicate/non-duplicate order)
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